

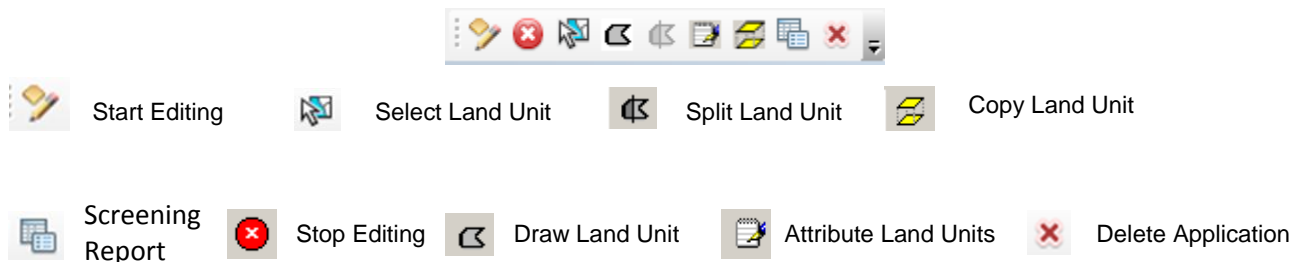
Environmental Quality Incentives Program Water Quality and Soil Health Screening Tool

Introduction

The Environmental Quality Incentives Program (EQIP) Water Quality and Soil Health Screening Tool provides a method to screen EQIP applications with Water Quality and Soil Health concerns. The tool is intended to be used prior to ranking EQIP applications as a way to screen out those applications that are either ineligible or low priority so time is not spent ranking low or ineligible EQIP applications for Water Quality or Soil health concerns during the ranking process. The screening process is a two-step process. The first step is to digitize and assign Program Contracts System (ProTracts) generated application identification (ID) to all Water Quality and Soil Health EQIP applications. A set of digitizing and attribution tools will be used to complete this step. The second step which occurs after all applications have been added into the screening boundary dataset will be done at the state office (SO). The applications each service center has digitized will be copied to the SO and the SO will assign a priority of high, medium or low to each of the EQIP applications and provide this in two separate reports, one for EQIP Water Quality concerns and one for EQIP Soil Health concerns back to the service centers.

Opening the Screening Map Document



The Kansas Conservation Programs Geographic Information System (GIS) Interface (CPGI) Screening toolbar has been added to accommodate development of EQIP application boundaries for screening. The tool bar consists of eight tools that allow a user to digitize or copy land units from another source, such as the Common Land Units boundaries, attribute the digitized boundaries with the application information, and delete applications from the screening boundaries dataset.

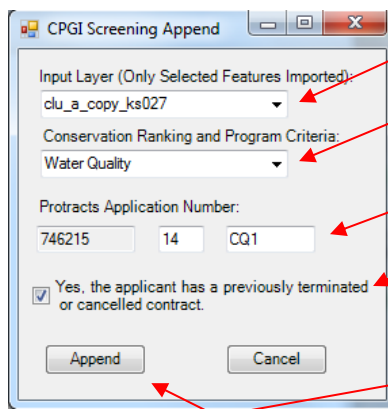


1. Open the county customer file map document in ArcMap or if you need to copy land units from and existing customer then open the customer folders map document.
2. Zoom into the application area. This can be done using the zoom tool to zoom to a legal description or a tract number.

Copying Boundaries into the EQIP Screening layer

If you have Common Land Unit (CLU) boundaries that match the application area for EQIP you can:

1. Use the Select Land Unit button  in the Kansas EQIP Screening digitizing tool to select CLU boundaries from the CLU layer that represent the application boundaries for the EQIP application.
2. Click on the copy land unit button  to copy the selected CLU boundaries into the EQIP screening boundaries dataset. Fill out the CPGI Screening Append form.







The dialog box titled "CPGI Screening Append" contains the following fields and controls:


- Input Layer (Only Selected Features Imported):** A dropdown menu with "clu_a_copy_ks027" selected.
- Conservation Ranking and Program Criteria:** A dropdown menu with "Water Quality" selected.
- Protracts Application Number:** Three input fields containing "746215", "14", and "CQ1".
- Yes, the applicant has a previously terminated or cancelled contract.** A checked checkbox.
- Buttons:** "Append" and "Cancel".

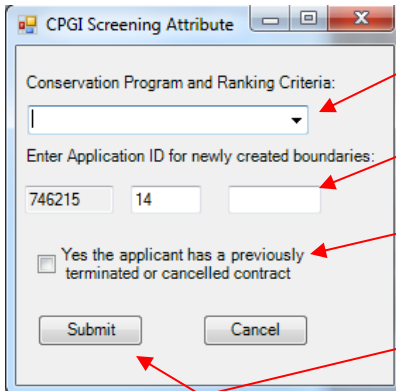
- Select the layer to copy the boundaries from.
- Select the Ranking Criteria.
- Enter a Protracts application number.
- Check the box if the applicant has a previously terminated or cancelled contract.
- Click the append button to copy the boundaries into the screening dataset.

Digitizing New Boundaries into the EQIP Screening layer

If you do not have CLU boundaries that accurately represent the application area then the user will have to digitize the boundaries in using the tools in the Kansas CPGI screening tools. **The user must complete steps 1–4 in sequence each time a new application is digitized into the screening layer.**

1. Once you have zoomed in and are ready to start digitizing, click on  the button in the Kansas CPGI Screening toolbar. **Make sure you click on the start editing tool in the Kansas CPGI Screening toolbar not the Toolkit toolbar.**
2. Click on the Land Unit digitizing button  to add an application boundary into the Screening boundary dataset. This tool functions the same as the Toolkit add field button so you should be familiar with the characteristics of this digitizing tool. If a land unit needs to be split use the Split Land Unit tool  on the Kansas CPGI screening toolbar to split a selected land unit, again this tool functions the same as the Toolkit Split Land Unit tool.
3. Once all of the land units have been digitized in for an application area click on the stop editing button .


- Click the Attribute Land Units button . Fill out the CPGI Screening Attribute form.

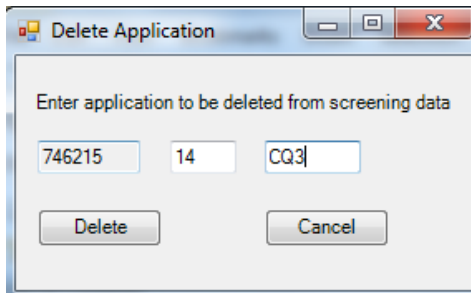


The CPGI Screening Attribute dialog box contains the following fields and controls:

- Conservation Program and Ranking Criteria:** A dropdown menu with a red arrow pointing to it from the instruction "Select the Ranking Criteria."
- Enter Application ID for newly created boundaries:** Three text input fields. The first contains "746215", the second contains "14", and the third is empty. A red arrow points to the third field from the instruction "Enter a Protracts application number."
- Yes the applicant has a previously terminated or cancelled contract:** An unchecked checkbox with a red arrow pointing to it from the instruction "Check the box if the applicant has a previously terminated or cancelled contract."
- Buttons:** "Submit" and "Cancel" buttons at the bottom. A red arrow points to the "Submit" button from the instruction "Click the submit button to copy the boundaries into the screening dataset."

Deleting Applications from the EQIP Screening layer


- Click the Delete Application button .
- Enter the Application you want to delete in the CPGI Screening Delete Application dialog box.
- Click the Delete button.

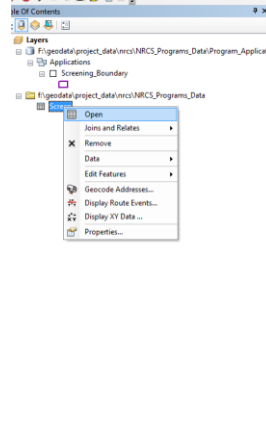


The Delete Application dialog box contains the following fields and controls:

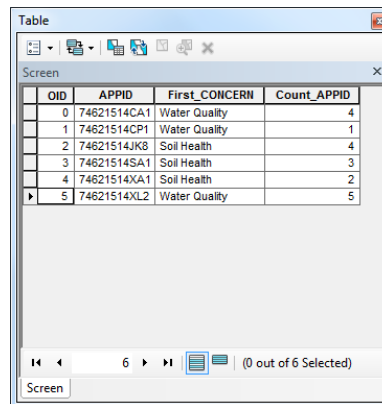
- Enter application to be deleted from screening data:** Three text input fields. The first contains "746215", the second contains "14", and the third contains "CQ3".
- Buttons:** "Delete" and "Cancel" buttons at the bottom.

Exporting Applications from the EQIP Screening layer

1. Click the Screening Report button .
2. In the ArcMap table of contents right click on the Screen table and click on open attribute table.



3. Review the table and verify that the number of records in the table is equal to the number of soil health and water quality applications and that there are now blank APPID's in the table. The example below shows 5 applications total with no blank application IDs (APPIDs). The number of polygons in each application is defined by the Count_APPID column.

A screenshot of the 'Table' window in ArcMap, displaying the 'Screen' table. The table has four columns: 'OID', 'APPID', 'First_CONCERN', and 'Count_APPID'. There are six rows of data. The first row has a blank 'APPID' and a 'Count_APPID' of 4. The subsequent rows have non-blank 'APPID' values and 'Count_APPID' values of 1, 4, 3, 2, and 5 respectively. The table is titled 'Screen' and has a close button in the top right corner. At the bottom, there is a status bar showing '6' and '(0 out of 6 Selected)'.

OID	APPID	First_CONCERN	Count_APPID
0		Water Quality	4
1	74621514CP1	Water Quality	1
2	74621514JK8	Soil Health	4
3	74621514SA1	Soil Health	3
4	74621514XA1	Soil Health	2
5	74621514XL2	Water Quality	5